

**REMARKS**

In the Restriction Requirement dated March 7, 2006, the Examiner requests that Applicant select one of the following groups for prosecution on the merits:

Group I - Claims 1-12 and 14-15, drawn to a method of scheduling real-time applications based on application requirements and system overhead; and

Group II - Claims 13 and 16, drawn to a processing architecture for executed related, dependent tasks.

Applicant hereby elects Group II (claims 13 and 16) for prosecution on the merits.

Also, Applicant has amended claim 13 and added new claims 17-37 to more completely define the elected invention.

Finally, Applicant has updated the specification to include the status of each of the related, cited applications. The Application cited on page 7, lines 3-6, refers to the application cited on page 1, lines 5-6; since the status of this application has been updated on page 1, it is not necessary to include the status a second time on page 7.

A favorable action on the merits is respectfully requested.

Dated: May 8, 2006

Respectfully submitted,

By Laura C. Brutman

Laura C. Brutman

Registration No.: 38,395

DICKSTEIN SHAPIRO MORIN &

OSHINSKY LLP

1177 Avenue of the Americas

41st Floor

New York, New York 10036-2714

(212) 835-1400

Attorney for Applicant